

DECLARATION AND POWER OF ATTORNEY- USA PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled ELIMINATION OF DENDRITE FORMATION DURING METAL/CHALCOGENIDE GLASS DEPOSITION; the specification of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

POWER OF ATTORNEY: I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Jiutao Li**

Inventor's signature 

Date

5/22/02

Residence: **5325 E. Branchwood Dr., Boise, ID 83716**

Citizenship: **China**

Post Office Address: **same as above**

COPY

Page 2

Attorney's Docket No. MICRON.250A

Full name of second inventor: **Allen McTeer**

Inventor's signature 

Date 5/22/02

Residence: **3550 N. Summerside Way, Meridian, ID 83642**

Citizenship: **U.S.**

Post Office Address: same as above

Send Correspondence To:

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

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120601

COPY

MICRON.250A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Li et al.)
)
App. No. :	Unknown)
)
Filed :	Herewith)
)
For :	ELIMINATION OF DENDRITE FORMATION DURING METAL/CHALCOGENIDE GLASS DEPOSITION)))))
)
Examiner :	Unknown)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone

App. No. : Unknown
Filed : Herewith

COPY

(949) 760-0404, Customer No. 20,995, and Michael L. Lynch, Reg. No. 30,871, Micron Technology, Inc., 8000 South Federal Way, Boise, Idaho 83707-0006, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor and his attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

Micron Technology, Inc.

Dated: 6-3-02

By: MLL
Michael L. Lynch

Title: Chief Patent Counsel

Address: 8000 South Federal Way
Boise, ID 83707-0006

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120601

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Do Not R cord

PATENT

Client Code: MICRON.250A

Page 1

Application No.: Unknown
Filing Date: Herewith

ASSIGNMENT

WHEREAS, We, Jiutao Li, a citizen of China, residing at 5324 E. Branchwood Dr., Boise, ID 83716, Allen McTeer, a U.S. citizen residing at 3550 N. Summerside Way, Meridian, ID 83642, have invented certain new and useful improvements in a ELIMINATION OF DENDRITE FORMATION DURING METAL/CHALCOGENIDE GLASS DEPOSITION for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, Micron Technology, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 8000 South Federal Way, Boise ID 83707-0006, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

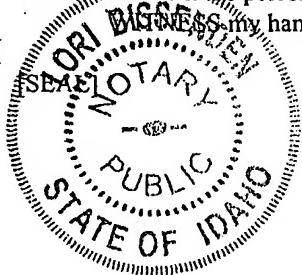
AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22 day of May, 2002.


Jiutao Li

STATE OF *Idaho* }
COUNTY OF *Ada* } SS.

On 5/22/02, before me, a notary public, personally appeared Jiutao Li personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person(s) acted, executed the instrument.



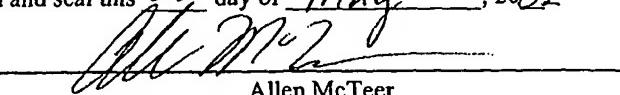
Lori Bissen-Dex
Notary Signature

Application No.: Unknown
Filing Date: Herewith

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PATENT
Client Code: MICRON.239A
Page 2

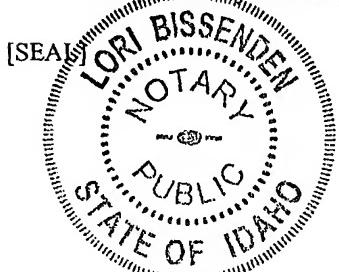
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of May, 2002

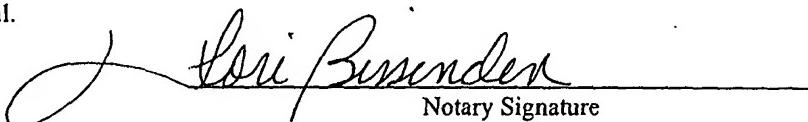

Allen McTeer

STATE OF Idaho }
COUNTY OF Ada } ss.

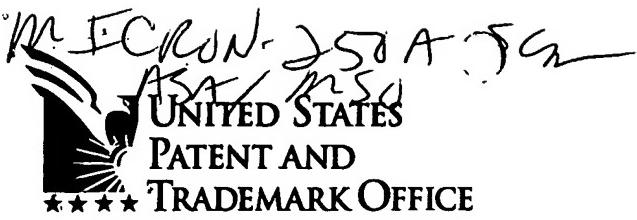
On May 23, 2002 before me, a notary public, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.




Lori Bissenden
Notary Signature

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COPY

AUGUST 15, 2002

PTAS

KNOBBE, MARTENS, OLSON & BEAR, LLP
ADEEL S. AKHTAR
SIXTEENTH FLOOR
620 NEWPORT CENTER DR.
NEWPORT BEACH, CA 92660

Chief Information Officer
Washington, DC 20231
www.uspto.gov



102128231A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/06/2002

REEL/FRAME: 012988/0578

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

LI, JIUTAO

DOC DATE: 05/22/2002

ASSIGNEE:

MCTEER, ALLEN

DOC DATE: 05/23/2002

ASSIGNEE:

MICRON TECHNOLOGY, INC.
8000 SOUTH FEDERAL WAY
BOISE, IDAHO 83707-0006

SERIAL NUMBER: 10164646

FILING DATE: 06/06/2002

PATENT NUMBER:

ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-19-2002



COPY

documents or copy thereof.

TO THE ASSISTANT COMMISSIONER FOR

102128231

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Jiutao Li
2. Allen McTeer

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

2. Name and address of receiving party(ies):

Name: MICRON TECHNOLOGY, INC.
Internal Address:
Street Address: 8000 South Federal Way
City: Boise State: ID ZIP: 83707-0006

JG970 U.S. PRO
10/164646



Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) (1) May 22, 2002; and (2) May 22, 2002.

10/164646

4. Application number(s) or Patent number(s):

(X) Application(s) filed herewith
Execution Date(s): May 22, 2002

() Patent Application No.:
Filing Date:

() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed

() Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Adeel S. Akhtar
Name of Person Signing

Signature

June 6, 2002

Date

41,394
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

06/18/2002 LMUELLER 00000216 10164646

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OP

U.S. Patent and Trademark Office
Attn: Assignment Division
Crystal Gateway-4
1213 Jefferson Davis Highway, Suite 320
Arlington, VA 22202

COPY

PATENT

Client Code: MICRON.250A

Page 1

Application No.: Unknown
Filing Date: Herewith

ASSIGNMENT

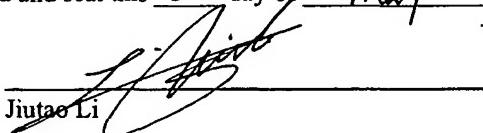
WHEREAS, We, Jiutao Li, a citizen of China, residing at 5324 E. Branchwood Dr., Boise, ID 83716, Allen McTeer, a U.S. citizen residing at 3550 N. Summerside Way, Meridian, ID 83642, have invented certain new and useful improvements in a ELIMINATION OF DENDRITE FORMATION DURING METAL/CHALCOGENIDE GLASS DEPOSITION for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, Micron Technology, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 8000 South Federal Way, Boise ID 83707-0006, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

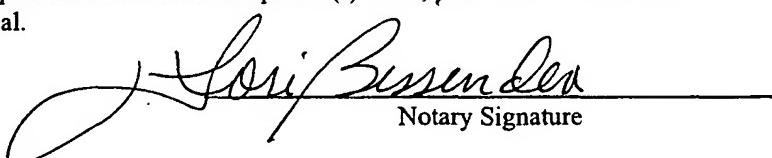
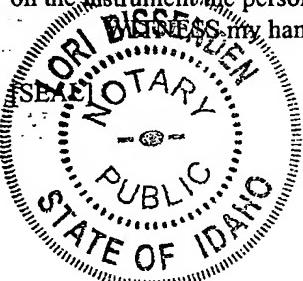
AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22 day of May, 2002.


Jiutao Li

STATE OF Idaho }
COUNTY OF Ada } ss.

On 5/22/02, before me, a notary public, personally appeared Jiutao Li personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person(s) acted, executed the instrument.

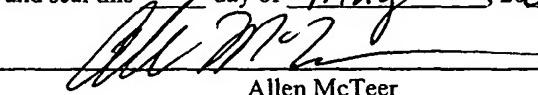

Lori Bessen Dea
Notary Signature

Application No.: Unknown
Filing Date: Herewith

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PATENT
Client Code: MICRON.239A
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23 day of May, 2002

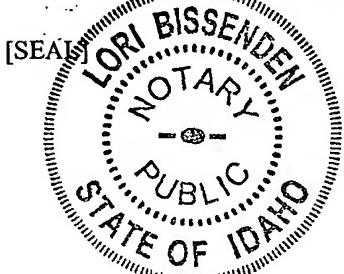


Allen McTeer

STATE OF Idaho }
COUNTY OF Ada } ss.

On May 23, 2002 before me, a notary public, personally appeared Allen McTeer personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



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120601



Notary Signature



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 22, 2001

PTAS
WELLS, ST. JOHN, ROBERTS, GREGORY ET AL
MARK S. MATKIN
601 WEST FIRST AVENUE, SUITE 1300
SPOKANE, WA 99201-3828



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 03/01/2001

REEL/FRAME: 011587/0237
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
MOORE, JOHN T.

DOC DATE: 02/16/2001

ASSIGNOR:
GILTON, TERRY L.

DOC DATE: 02/16/2001

ASSIGNEE:
MICRON TECHNOLOGY, INC.
8000 SOUTH FEDERAL WAY
SPOKANE, WASHINGTON 83716

SERIAL NUMBER: 09797635
PATENT NUMBER:

FILING DATE: 03/01/2001
ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Tab settings → → →

03-20-2001

1 SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

EL 465854477

To the Honorable Commissioner

1. Name of conveying party(ies):

John T. Moore

Terry L. Gilton

Additional name(s) of conveying party(ies) attached? Yes No

3/01/01

2. Name and address of receiving party(ies):

Name: Micron Technology, Inc.

Internal Address:

COPY

PTO 1595
13/01/01

Street Address: 8000 South Federal Way

City: Spokane State: WA ZIP: 83716

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: February 16, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 02/16/2001

A. Patent Application No.(s)

03/08/2001 SSESHE1 00000022 09797635

04 FC:581

40.00 OP

B. Patent No.(s)

09797635

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark S. Matkin

Internal Address: Wells, St. John, Roberts, Gregory &
Matkin P.S.

Street Address: 601 West First Avenue, Suite 1300

City: Spokane State: WA ZIP: 99201-3828

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

23-0925

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark S. Matkin

Name of Person Signing

Signature

7-28-01

Date

5

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENTPARTIES TO THE ASSIGNMENT:

COPY

INVENTORS:

John T. Moore
Terry L. Gilton

ASSIGNEE:

Micron Technology, Inc.
Corporation of the State of Delaware
8000 South Federal Way
Boise, Idaho 83716

BACKGROUND OF THIS ASSIGNMENT:

INVENTORS have conceived certain new and useful inventions disclosed in a United States patent application titled "Method of Forming a Non-Volatile Resistance Variable Device, and Non-Volatile Resistance Variable Device".

MICRON TECHNOLOGY, INC. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt sufficiency and adequacy of which is hereby acknowledged, INVENTORS hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified application executed currently with this assignment and to any reissues, renewals, divisions or continuations thereof,

CCPY

and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any application papers required for the filing of any division, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting

CCPY

Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent..

INVENTORS further warrant and covenant that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full rights to convey the same as herein expressed is possessed by the undersigned.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignees.

Dated: 2-16-01

By:

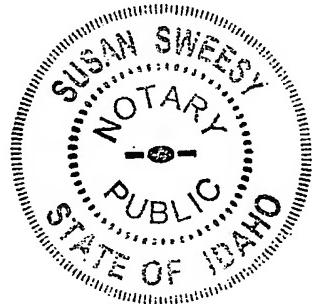
John T. Moore

John T. Moore

State of Idaho)
County of Ada) ss.

BEFORE ME, this 16 day of Feb, 2001 personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL



Notary or Consular Officer
My Commission Expires: 12-7-06

COPY

Dated: 2-16-01

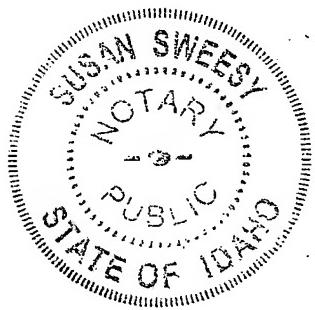
By:

Terry L. Gilton

State of Idaho)
County of Ada) ss.

BEFORE ME, this 16 day of Feb, 2001 personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL



Susan Sweeny
Notary or Consular Officer
My Commission Expires: 12-7-06